

October 2002

An online publication of the Public Affairs Office at Lawrence Livermore National Laboratory

Lab in the Community

Science Lecture Series Heads To Pleasanton

L LNL's Community Science Lecture Series, "Spotlight On Science," continues this month with a talk by the Laboratory's Terry Turchie on October 24 at the Amador High School Playhouse in Pleasanton. Turchie, Program Manager of the Laboratory's Security Awareness For Employees (SAFE) program and 29-year FBI veteran, will provide a timely update on our nation's war on terrorism.



Lawrence Livermore
National Laboratory

*Making History
Making a Difference*

1952-2002



Terry Turchie

Turchie will offer insights on the manhunt for domestic and international terrorists, take us inside the mind of a terrorist, and discuss aspects of several major terrorist investigations — including the attacks on the World Trade Center and the Pentagon on September 11, 2001.

The Amador High School Playhouse is located at 1555 Santa Rita Road in Pleasanton. Turchie's talk will begin at 7 p.m., and it is free and open to the public. For more information on the

Community Science Lecture Series go to <http://www.llnl.gov/llnl/06news/Community/lecture.html>



University of
California



National Nuclear
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Around the Lab

Discover the Lab's Discovery Center

The Laboratory's visitors center has a new look and a new name. On September 18, the new Discovery Center opened its doors to welcome Community Special Guest Day visitors who described the facility as informative, inspiring, and educational.



U.S. Department
of Energy

October 2002



Linda Lucchetti, coordinator of the new Discovery Center, points out a Lab technology display, which visitors can see as they tunnel their way into one of the Center's three distinct zones.

The Discovery Center is a window into the Laboratory, offering a look at its past, present, and future. A history tunnel welcomes visitors with both the sights and sounds of scientific achievements over the past five decades.

The Center is divided into three distinct zones, representing the major areas of the Laboratory's focus: Safety, Reliability and Performance of the U. S. Nuclear Stockpile; Homeland Security and the War on Terrorism; and Science and Technology in the National Interest. A unique video viewing area is available inside a small replica of the National Ignition Facility (NIF) target chamber.

Let us hear from you

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Everyone is welcome at the Discovery Center, located on Greenville Road at East Gate Drive. No badging is necessary. The Center is open Monday through Friday from 1 – 4 p.m., and beginning in December will also be open the first Saturday of each month from 10 a.m. to 3 p.m. Contact Linda Lucchetti, Discovery Center coordinator, at (925) 422-5815 for further information.

Science and Technology

Laboratory Physicists Win Awards

Two Laboratory physicists, Bruce Goodwin and Ben Santer, are winners of the E.O. Lawrence Award, a prestigious honor given in memory of the late Nobel Prize winner Ernest Orlando Lawrence, namesake of both the Livermore and Berkeley National Laboratories.

The scientists were recognized for their outstanding contributions in the field of atomic energy, which has influenced many areas of science such as environmental research, materials science, and nuclear medicine.

Goodwin, a physicist and Associate Director in the Laboratory's Defense and Nuclear Technologies Directorate was named for his work in the national security category, and for his theory work in creating equations of state for plutonium under extreme pressures.

Santer, a physicist in the Laboratory's Program for Climate, Model Diagnosis, and Intercomparison, is the first Lawrence awardee to be honored for research in climate modeling. He was cited for his contributions to the understanding of the effects of human activities and natural phenomena on the earth's climate system.

Goodwin and Santer are two of seven winners who will receive a gold

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medal, a citation, and \$25,000 at an awards ceremony in Washington, D.C. on Oct. 28. They are the latest additions to a list of 24 former Livermore winners of the E.O. Lawrence Award since its inception in 1960.

For more on this honor, see **Recent Headlines** below.

Lab Visitors

Notables Visit the Laboratory

Former astronaut and U.S. Senator John Glenn gave a talk to Laboratory employees on September 18, and he later joined in that day's 50th Anniversary Time Capsule dedication ceremony near the newly remodeled Discovery Center (formerly called The Visitors Center). Glenn, accompanied by his wife Annie, had most recently visited LLNL in late August for a tour of several Laboratory facilities.

Seven former LLNL directors took part in



Lab director Michael Anastasio and John Glenn, right, addressed visitors at a time capsule ceremony last month.

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The 50th Anniversary Directors' panel members included (from left) Michael Anastasio, Bruce Tarter, John Nuckolls, Mike May, John Foster and Herb York. Harold Brown participated via teleconference. Edward Teller was represented via videotape presentation.

a special 50th Anniversary Directors' Panel on September 19. Present for this event were Bruce Tarter, currently associate director at-large; John Nuckolls, director from 1988-1994; Michael May, director from 1965-1971; John Foster, director from 1961-1965; Harold Brown (via teleconference), director from 1960-1961; Edward Teller (via pre-recorded video), director from 1958-1960; and Herbert York, director from 1952-1958. The panel was moderated by Director Michael Anastasio.

Each panelist shared memories of his years at the Laboratory and reflected on his tenure as director. They also offered insights into what the future may hold for LLNL. For more on the Directors' Panel and other 50th Anniversary Event Week activities, see **Recent Headlines** below.

About Us

Come Tour the Laboratory

The Laboratory's Public Affairs Office is now offering a new, expanded tour of the Laboratory that includes stops at the Biology &

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Your ideas on how we can improve this newsletter, or our Laboratory programs, are welcomed.

Please forward any comments or questions you may have to Scott Wilson (925) 423-3125, wilson101@llnl.gov.



Biotechnology Research Program, the National Atmospheric Release Advisory Center, and the Advanced Simulation and Computing Initiative building.

The two-hour tour is offered Tuesdays and Thursdays starting at 9 a.m. U.S. citizens must register at least two weeks in advance. Non-U.S. citizens must register at least sixty days in advance. Special tours can be arranged for groups of eight or more with two weeks' advance notice. All tours are free. For more information on the tour program go to www.llnl.gov/pao.

Laboratory 50th Anniversary Website

A Website featuring a comprehensive timeline of the Laboratory's history is available online. The timeline, arranged by decade, includes a variety of pictures, stories, news articles and quicktime movies on the people and events that have shaped the Laboratory since its inception in 1952. To view this fact-filled Website go to www.llnl.gov/timeline.

'Technology Today'

"Technology Today," a television program designed to help inform our neighbors about activities at Lawrence Livermore National Laboratory, airs each Monday evening at 8:30 p.m. on the Tri-Valley's community television station, Channel 30. If you have a topic that you'd like to see discussed on "Technology Today," please call (925) 424-4822.

Recent Headlines

You may be interested in these recent articles from the Laboratory's weekly newspaper, *Newsline*. These stories can be viewed by visiting the Public Affairs Website at <http://www.llnl.gov/llnl/06news/Employee/2001index.html>

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Call or e-mail us if you would like more information.

- Geochemist helps pinpoint age of the oldest objects in the solar system (Sept. 6, 2002)
- MIR team learns from World Trade Center (Sept. 11, 2002 Special Edition)
- Goodwin, Santer win prestigious Lawrence awards (Sept. 27, 2002)
- **50th Anniversary Event Week**
 - NNSA honors Lab for 'weapons excellence' (Sept. 27, 2002)
 - Security leaders salute Lab for 'keeping America safe' (Sept. 27, 2002)
 - Directors reflect on past, present, future (Sept. 27, 2002)
 - John Glenn shows the Lab he still has the right stuff (Sept. 27, 2002)

Let us hear from you

You can reach Community Relations staff directly by contacting either Community Relations Manager Barry Schrader (925) 423-3567/e-mail: schrader2@llnl.gov, or Community Relations Officers Scott Wilson (925) 423-3125/e-mail: wilson101@llnl.gov and Christine Mixan (925)-422-3138/e-mail: mixan1@llnl.gov.

Your ideas on how we can improve this newsletter, or our Laboratory programs, are welcomed. Please forward any comments or questions you may have to Scott Wilson (925) 423-3125/e-mail: wilson101@llnl.gov. Also, visit our Website at <http://www.llnl.gov> where you will find the latest Laboratory news, publications and other helpful information by clicking on "News and Public Affairs."